spacecomplexity.pdf

My IntGrid function contains constant amoount of integers for the coordinates f
Also it contains a 2D array which size is determined by 4 values from above.
If the grid size is 3x3 then it would take up 9 spots + 3 length + 1 whole length =
If the grid size is 5x6 then it would take up 30 spots + 6 length + 1 whole length =
As the input increases, the memory taken will be increased proportionally relati
With those considred, the space complexity for this would be linear O(n)
Upper bound O(n^2)
Lower bound Ω(n)

To be precise, it would follow the linear function,
Therefore a tight bound would be Θ(n)

ordinates for upper left corner and lower right corner.

le length = 14 addresses
ole length = 37 addresses
nally relative to linear function.